

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070267.D
 Acq On : 26 Aug 2021 13:22
 Operator : VA/SY
 Sample : M3540-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-082521RE

Quant Time: Aug 27 01:23:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	29181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	49665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	45687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	19164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	24555	71.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.080%
35) Dibromofluoromethane	7.909	113	17114	53.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.338	98	54641	43.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.560%
62) 4-Bromofluorobenzene	12.626	95	17782	43.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.520%

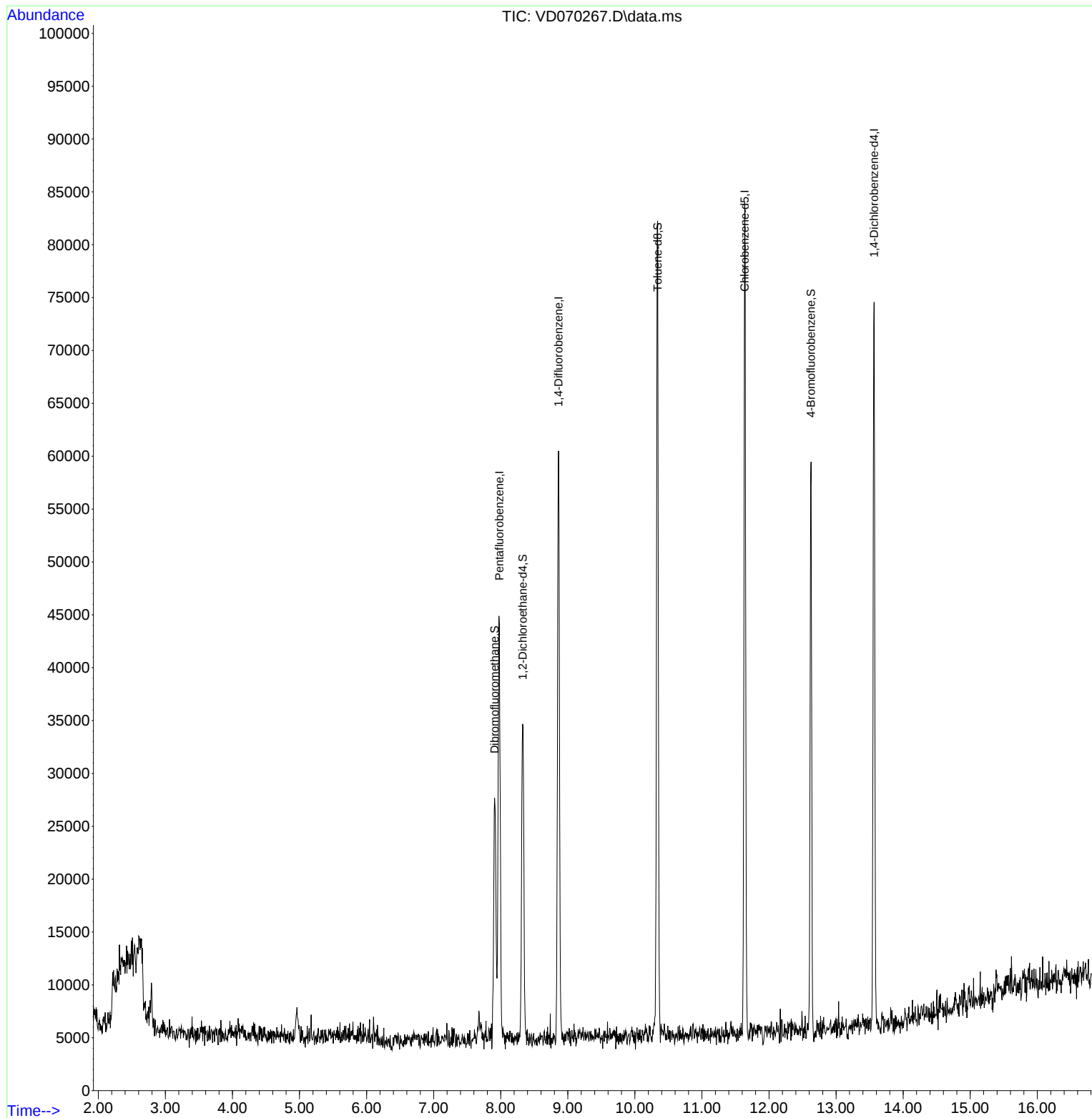
Target Compounds	Qvalue

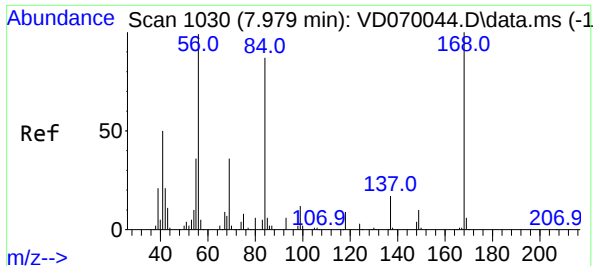
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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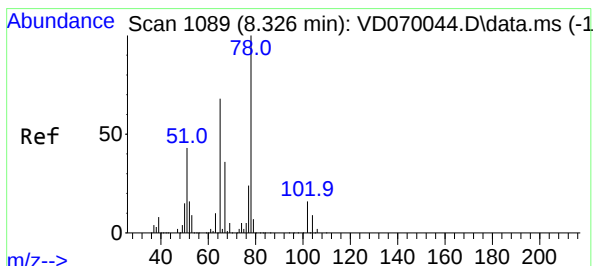
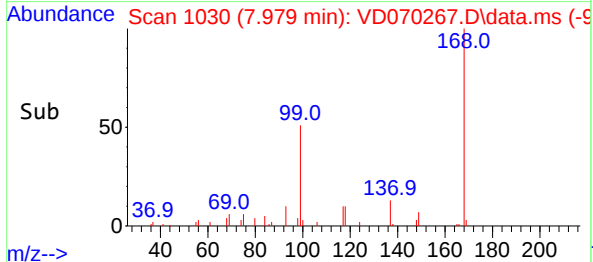
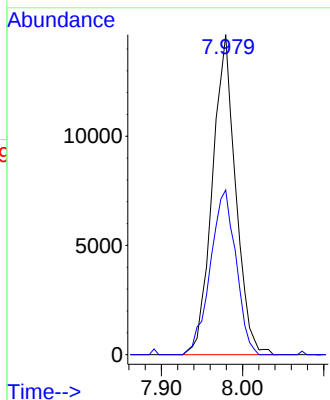
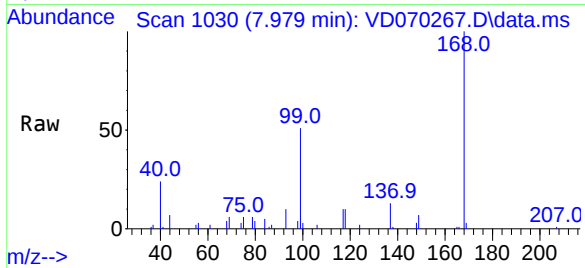




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

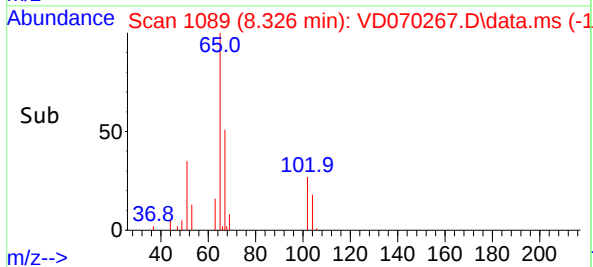
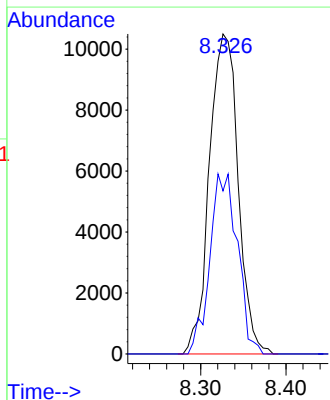
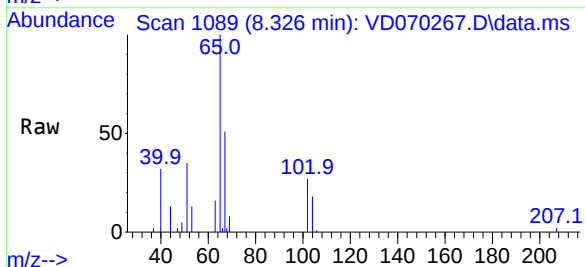
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521RE

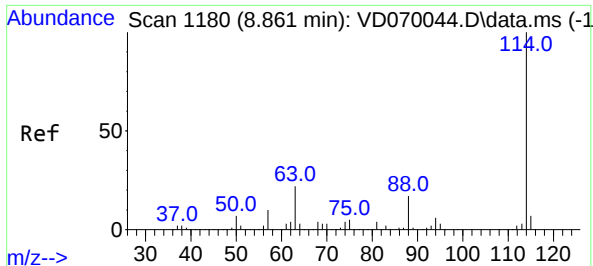
Tgt Ion:168 Resp: 29181
Ion Ratio Lower Upper
168 100
99 51.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 71.544 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

Tgt Ion: 65 Resp: 24555
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



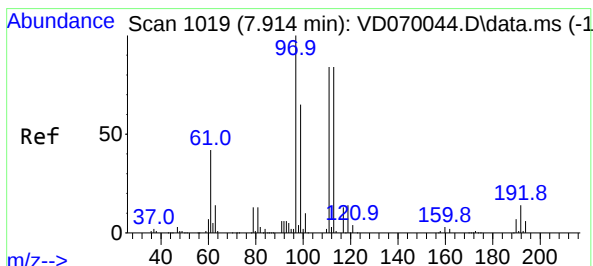
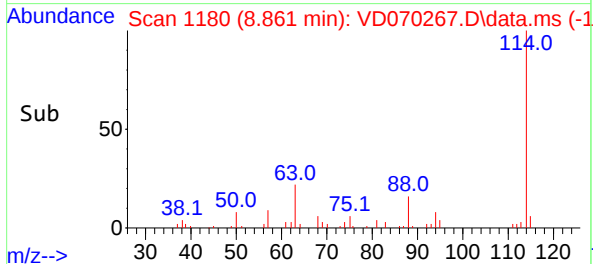
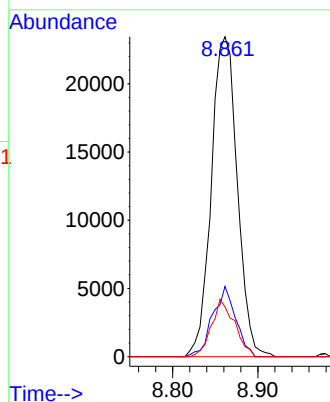
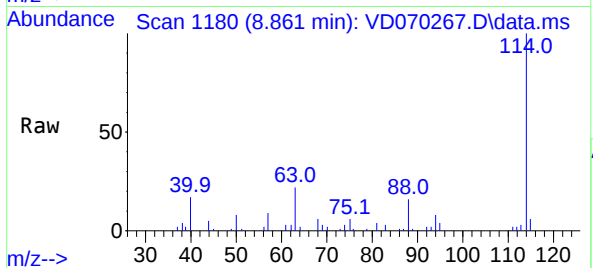


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

Instrument :
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OR-2-082521RE

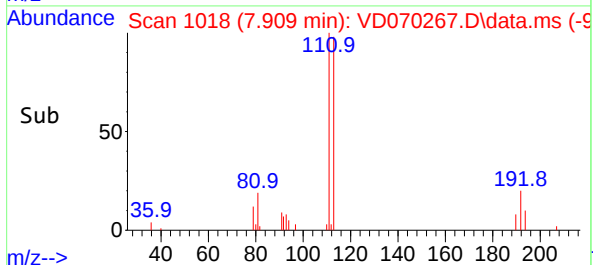
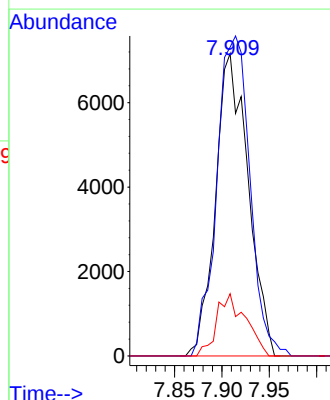
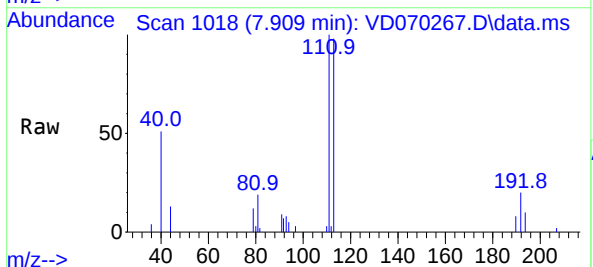
Tgt Ion:	114	Resp:	49665
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	43.6
88	15.6	0.0	33.4

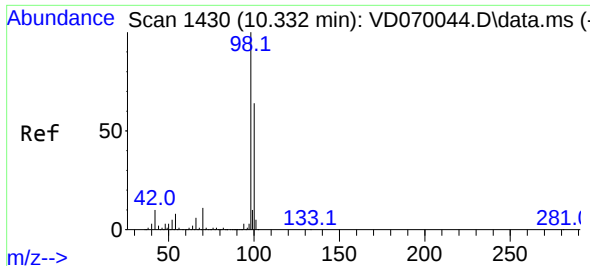


#35

Dibromofluoromethane
Concen: 53.337 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

Tgt Ion:	113	Resp:	17114
Ion Ratio	Lower	Upper	
113	100		
111	108.0	81.8	122.6
192	18.3	13.2	19.8

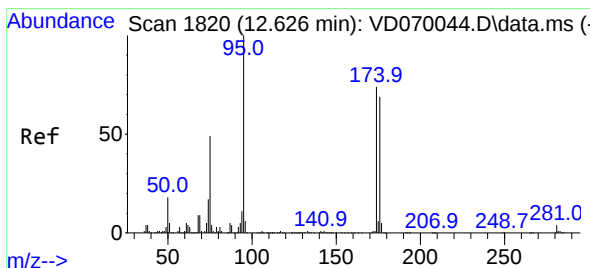
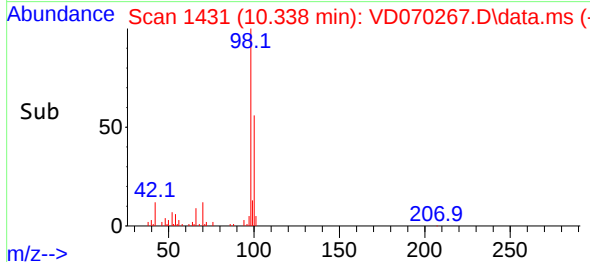
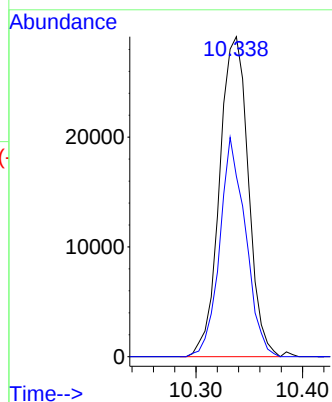
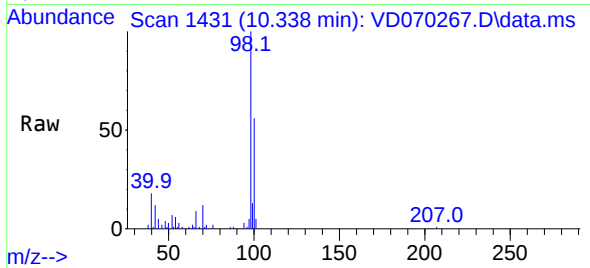




#50
Toluene-d8
Concen: 43.783 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

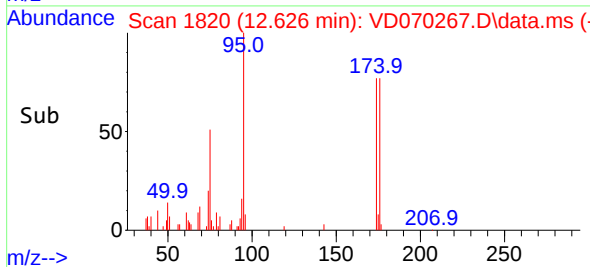
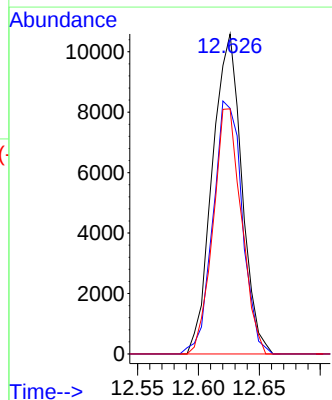
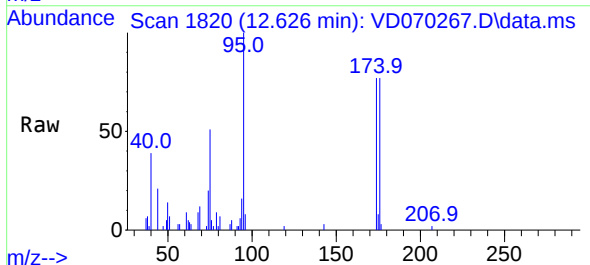
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521RE

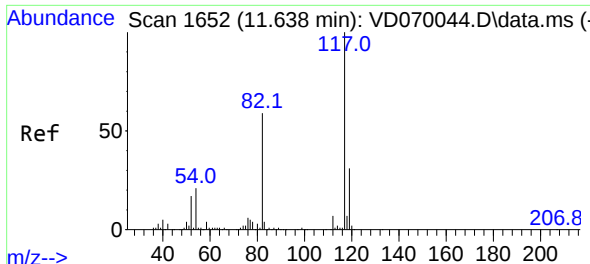
Tgt Ion: 98 Resp: 54641
Ion Ratio Lower Upper
98 100
100 61.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.259 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

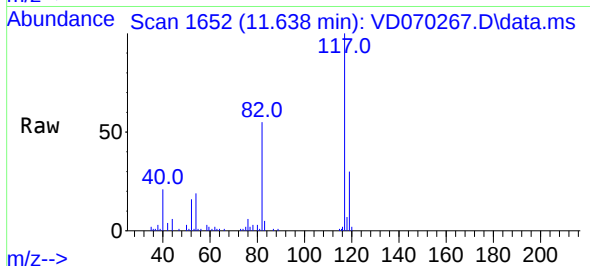
Tgt Ion: 95 Resp: 17782
Ion Ratio Lower Upper
95 100
174 78.5 0.0 141.6
176 73.7 0.0 138.2



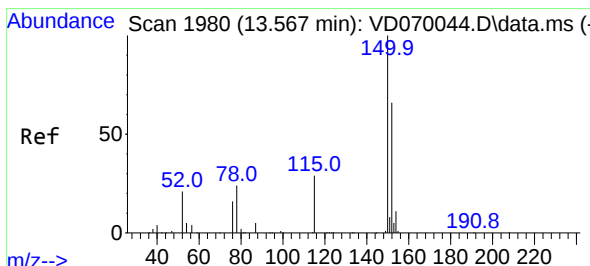
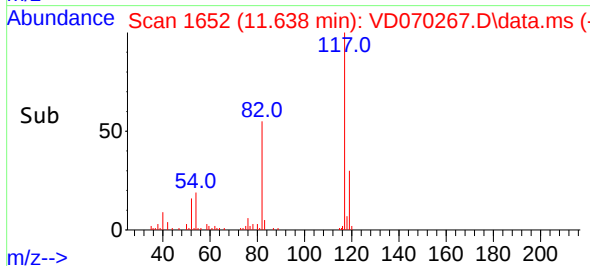
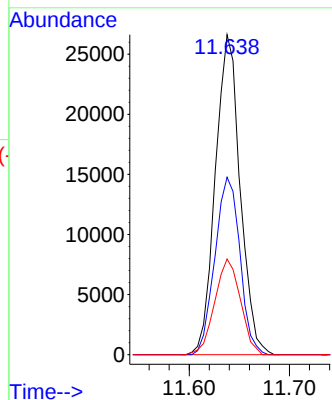


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

Instrument :
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ClientSampleId :
OR-2-082521RE



Tgt Ion:	117	Resp:	45687
Ion Ratio	100	Lower	Upper
117	100		
82	55.4	47.5	71.3
119	29.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070267.D
Acq: 26 Aug 2021 13:22

Tgt Ion:	152	Resp:	19164
Ion Ratio	100	Lower	Upper
152	100		
115	60.5	31.2	93.6
150	155.8	0.0	352.0

